

Washington State Daily Situation Weather Brief

Sunday August 22, 2021

1630 hrs.

Patrick Gilchrist – NWS IMET

Images courtesy National Weather Service and NOAA Global Systems Laboratory

Tonight:

An elongated upper trough will remain over the Evergreen State from tonight into Monday.

West side: Expect another quiet night with excellent humidity recovery of 80-100% as the marine layer remains in control. Winds will be generally light and variable.

East side: Breezy west to southwest winds gusting 20-30 mph will gradually taper off through the overnight hours. Favored gap wind areas along the east side of the Cascade crest will be the last to taper off, around sunrise on Monday. Expect good to excellent humidity recovery by Monday morning of 60-100%. Some fog will be possible, especially for areas that saw recent precipitation. Clearing skies will make for a brisk night, as temps drop into the 30s in mountain locations, 40s elsewhere.

Monday:

West side: Temperatures will be up a few degrees over Sundays highs reaching the mid-60s to mid-70s with RH lowering to 45-65%. Some potential exists for an isolated shower or thunderstorm for areas near the Canadian border.

East side: Temperatures will be down five degrees or so (65-75°) as a north to west flow ushers in a cooler airmass. RH will lower to 25-35%. Generally winds will be light, but the Columbia basin could see some west to southwest winds at 10-15 mph. Some potential exists for an isolated shower or thunderstorm over areas near the Canadian border.

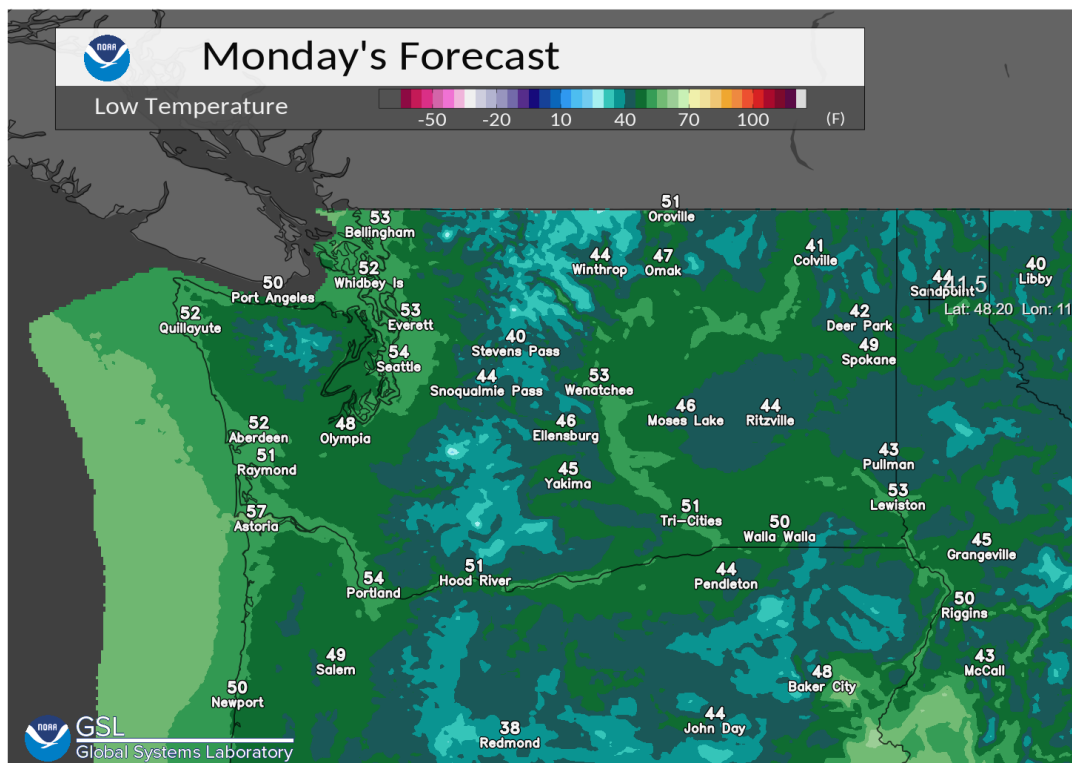


Figure 1: Min Temp Monday morning

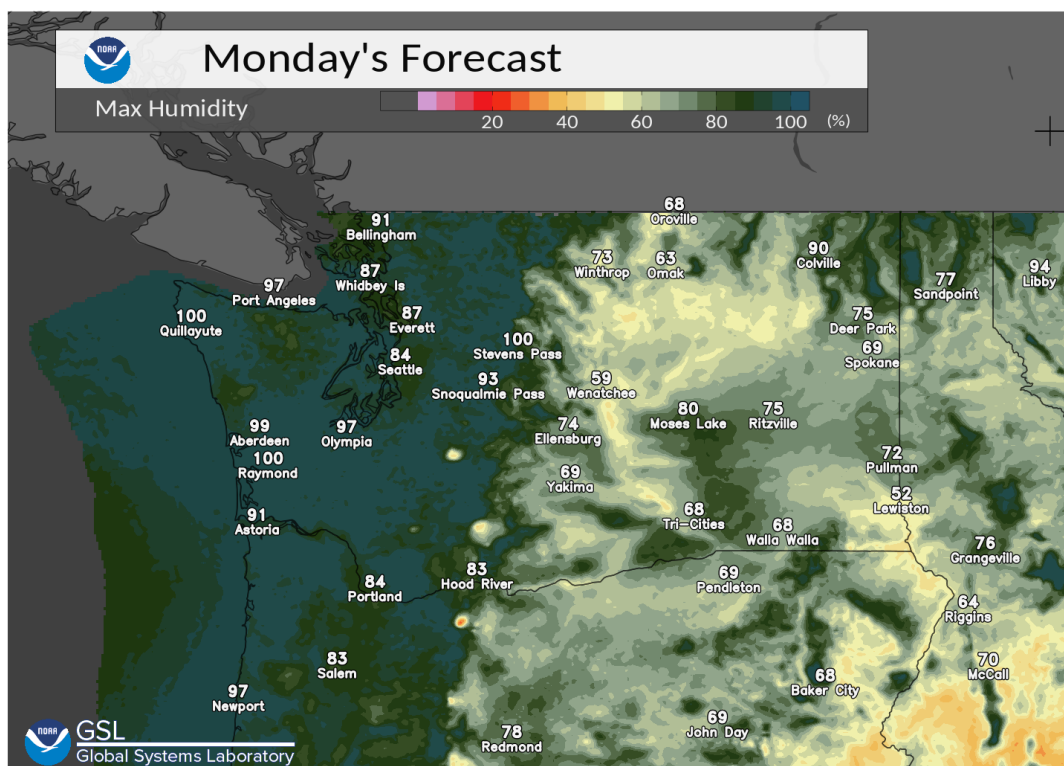


Figure 2: Max RH Monday Morning

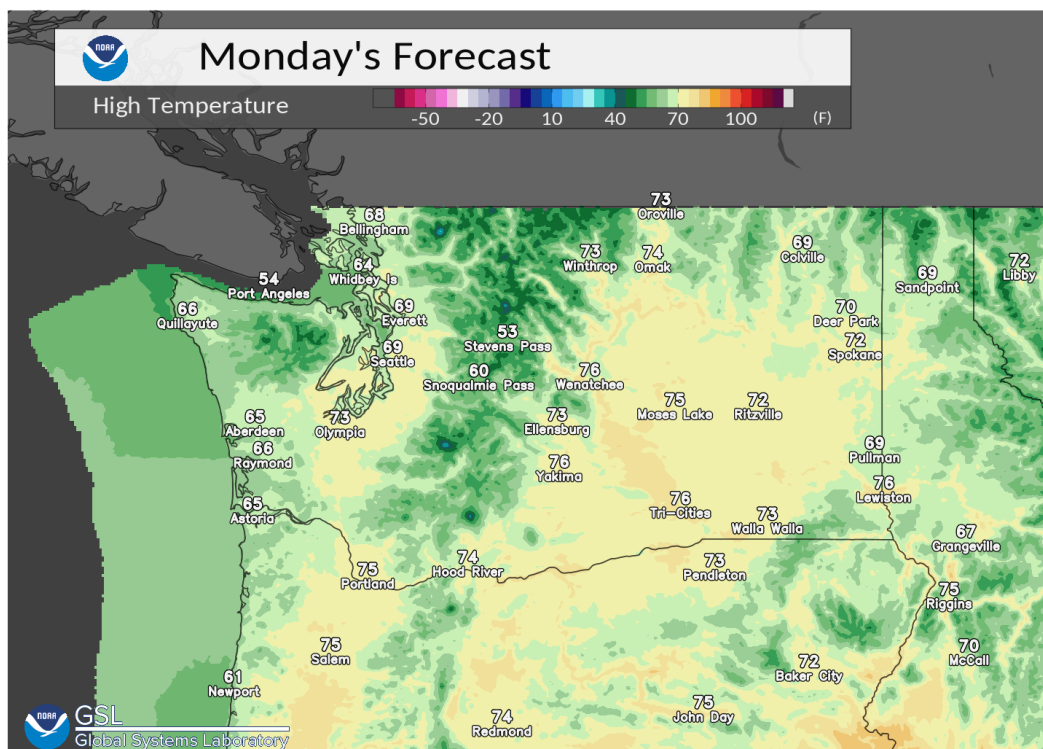


Figure 3: Max Temperature Monday

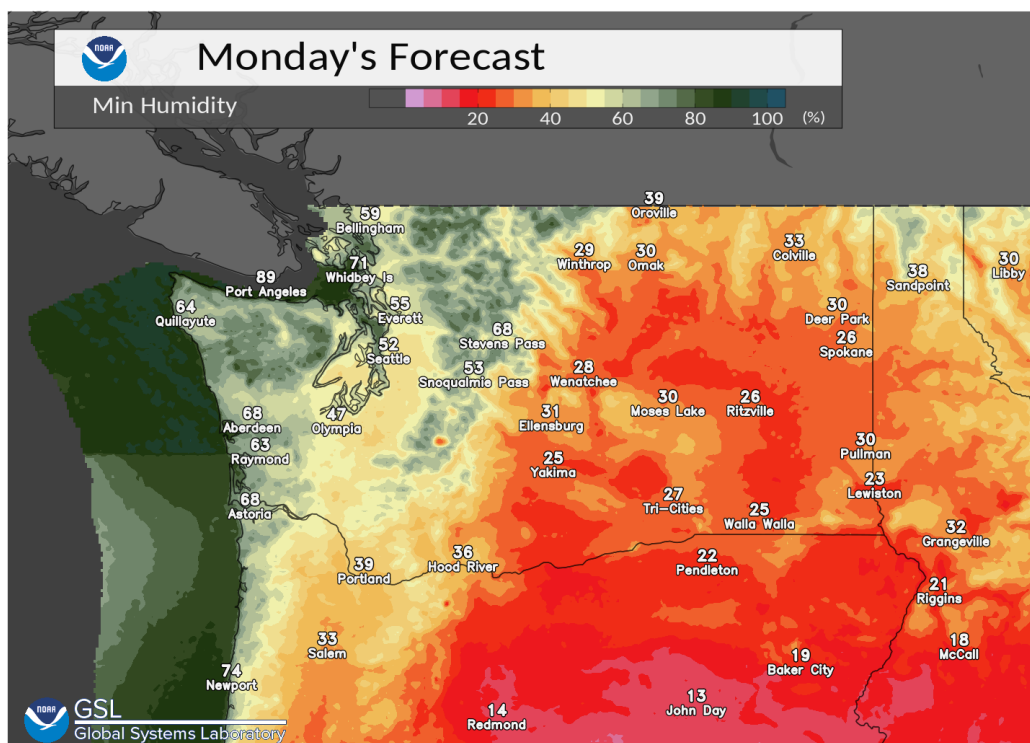


Figure 4: Min RH Monday

Outlook: Tuesday through Friday will bring a slow warming trend, with temperatures rising closer to normal through the week as an elongated upper trough remains overhead. With the warming trend will come a general drying trend with RH dipping into the 20%s across the east, while holding in the 50%s west. There could be periods of breezy winds starting Wednesday and lasting into Friday, especially over prone gap areas east of the Cascade Crest. Showers and thunderstorms will reenter the forecast for Thursday and Friday as a low pressure system passes through.

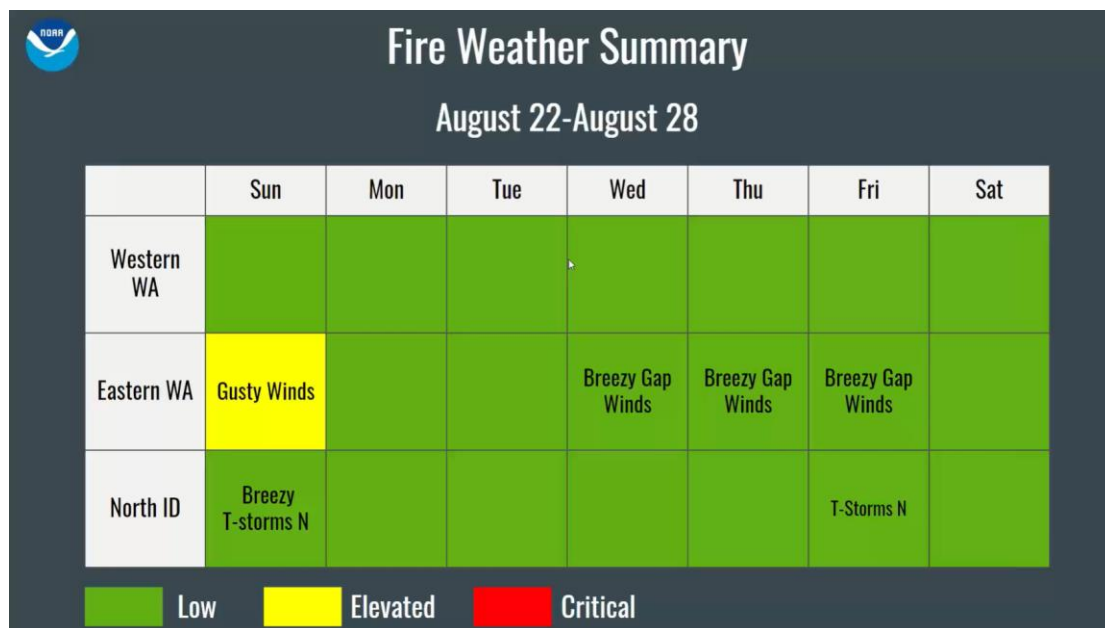


Figure 5: Fire Weather Summary

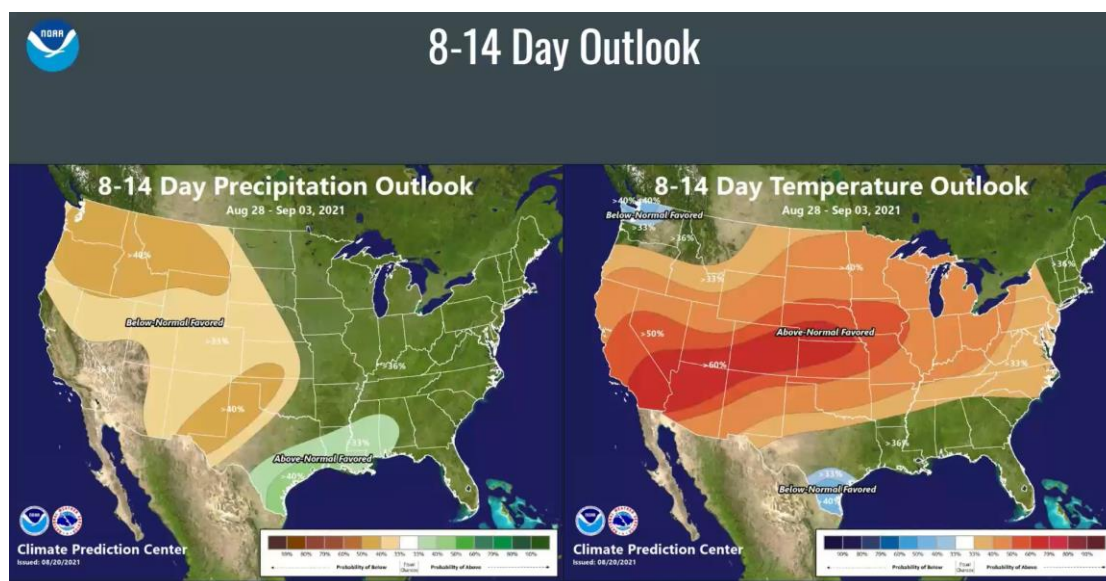


Figure 6: 8-14 Day Precipitation and Temperature Outlook